

Pimping Your IoT Ride

Brian Sherman

Senior Software Engineer, Autodesk

IoT Fundamentals & Examples of Business Transformation

Drawn from the book *Precision* by Dr. Timothy Chou this online course provides:

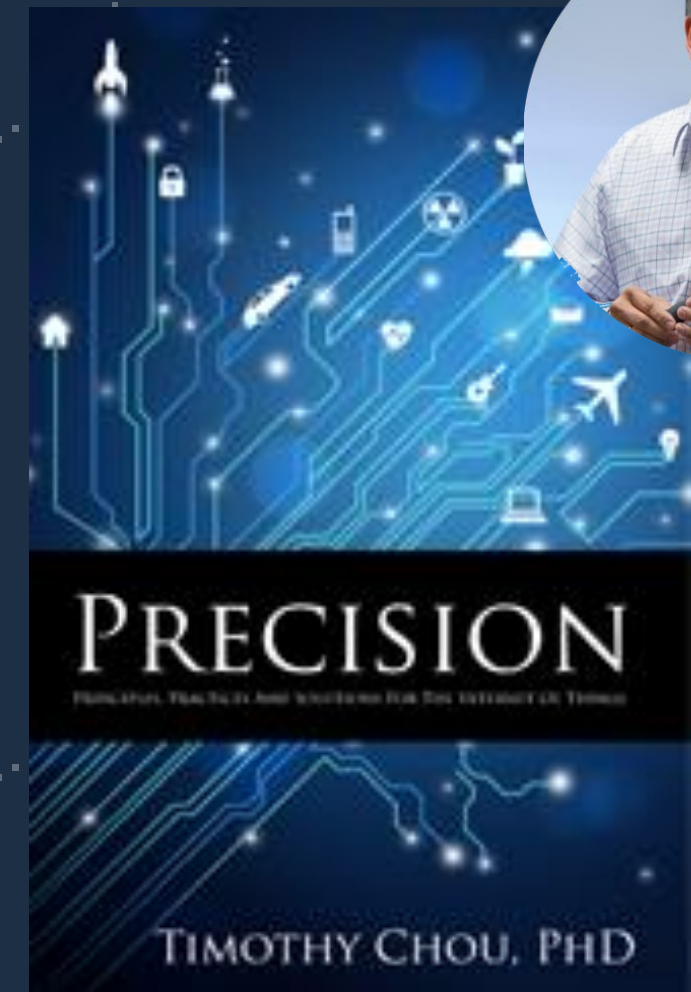
A Five Point Framework

which explains the fundamentals of enterprise IoT needed to craft your company's IoT strategy.

14 Enterprise IoT Case Studies

demonstrating how companies transformed their businesses.

Dr. Timothy Chou is the former President of Oracle on Demand. He has been a lecturer at Stanford University for 30+ years.



education.ioti.com/courses

IoT for Manufacturing Track classes

Tuesday

- 3:00 pm – 4:00 pm - IOT15577 - **Building Your First IoT Project Business Case – industry talk**

Wednesday

- 8:00 am – 9:00 am - IOT15617 - **Planning Your Connected Product Offering - demo**
- 1:00 pm – 2:00 pm - IOT15597-L - **Pimping Your IoT Ride - Lab**

Wednesday cont.

- 4:45 pm – 5:45 pm - IOT15657 - **What Connected Products Are Doing for Us – industry talk**

Thursday

- 8:30 am – 9:30 am - IOT15637 - **Getting on the Fast Track to IoT - Panel**
- 1:00 pm – 2:30 pm - IOT15559 - **An Introduction to Fusion Connect - demo**

Class summary

In this lab, we're going to begin with a very basic application, that has a breadth of functionality but little depth. We are then going to use each of the main components of Fusion Connect's no-coding toolset to improve upon this foundation, and build real depth into the application; we will add functionality such as monitoring a new sensor, detecting alert conditions and automatically logging and responding to alerts. We'll be using the same tools that were used to build the foundational application in the first place, so once you understand each of the components and how they fit together, building the foundation from scratch would be simple!



Key learning objectives

At the end of this class, you will be able to:

- Connect a sensor/device to Fusion Connect
- Start to track your product information
- Begin to build an application based on your product
- Create a set of visual-reporting elements



The Case Study

We'll be assuming the perspective of a manufacturer of wood chippers.

We have sensors on the wood chippers monitoring engine temperature, fuel level, and running hours.

The controller installed upon the wood chipper samples each of these sensors once every minute, and sends these data in a message to Fusion Connect once every minute over HTTP.

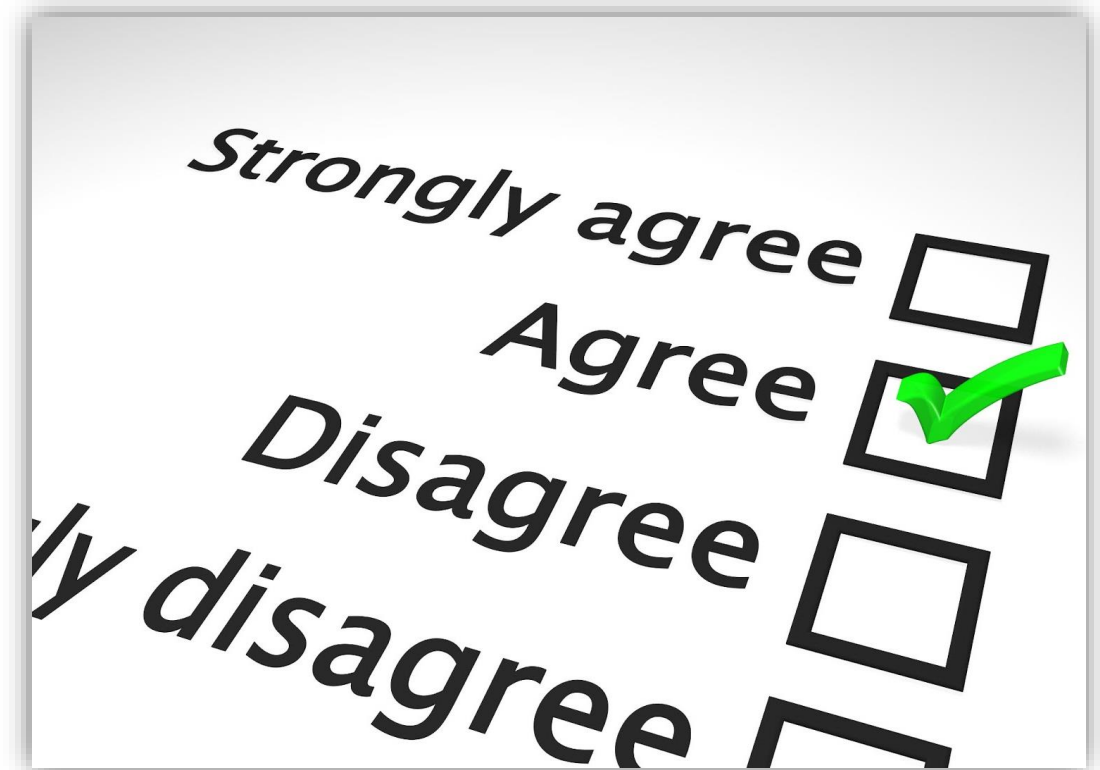
On to the exercises!

To access your demo account in Fusion Connect, go to the following URL: <https://n7c.fusionconnect.io>.

The instructor will provide you each with credentials with which you can log into the service.

How did I do?

- Your class feedback is critical. Fill out a **class survey** now.
- Use the AU mobile app or fill out a class survey online.
- Give feedback after each session.
- AU speakers will get feedback in real-time.
- **Your feedback results in better classes and a better AU experience.**



More Questions? Visit the AU Answer Bar

- Seek answers to all of your technical product questions by visiting the [Answer Bar](#).
- Open daily from [8am-6pm Tuesday](#) and [Wednesday](#); [8am-4:30pm Thursday](#).
- Located outside [Hall C, Level 2](#).
- Meet Autodesk developers, testers, & support engineers ready to help with your most challenging technical questions.



